

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/06043

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01S5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 508 405 A (SHARP KK) 14 October 1992 (1992-10-14) column 6, line 44 - column 7, line 43 column 11, line 3 - line 12 figures 1-5	1-6
Y	EP 1 241 553 A (ESECURIUM SA) 18 September 2002 (2002-09-18) paragraph '0001! - paragraph '0017! -/-	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

19 March 2004

Date of mailing of the international search report

23/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>THOR J ET AL: "A direct RF sampling multifrequency GPS receiver" IEEE 2002 POSITION LOCATION AND NAVIGATION SYMPOSIUM. (PLANS 2002). PALM SPRINGS, CA, APRIL 15 - 18, 2002, POSITION LOCATION AND NAVIGATION SYMPOSIUM, NEW YORK, NY: IEEE, US, 15 April 2002 (2002-04-15), pages 44-51, XP010590484 ISBN: 0-7803-7251-4 page 45</p>	1-6
P,A	<p>US 2002/196181 A1 (FALL KEVIN R) 26 December 2002. (2002-12-26) paragraph '0014! paragraph '0016! paragraph '0020! - paragraph '0021! figure 1</p>	1-6

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Inte Application No  
PCT/18 03/06043

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0508405	A	14-10-1992	JP 4315077 A	06-11-1992
			JP 4315078 A	06-11-1992
			DE 69220705 D1	14-08-1997
			DE 69220705 T2	22-01-1998
			EP 0508405 A1	14-10-1992
			US 5434787 A	18-07-1995
EP 1241553	A	18-09-2002	EP 1241553 A1	18-09-2002
US 2002196181	A1	26-12-2002	NONE	